



PD-99W075

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#5/Amend A  
6/5/02  
C. Paris

In re Application of )

Mary Dominique O'Neill et al. )

Ser. No. 09/636,100 )

Filed: August 10, 2000 )

For: MULTICOLOR STARING SENSOR SYSTEM )

GAU: 2878

Examiner:

E. Spears

AMENDMENT

Assistant Commissioner for Patents  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Please amend this application as follows:

RECEIVED  
MAY 31 2002  
TC 2800 MAIL ROOM

IN THE CLAIMS:

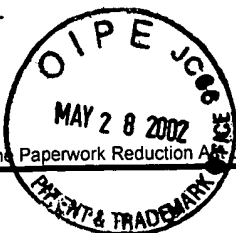
Enter the following claims to replace the previously submitted claims of the same respective number:

- AI  
Sub  
cr
- 7 15. (Amended) A sensor system for viewing light energy from a scene, comprising:  
an imaging detector which converts incident light energy into an electrical signal, the imaging detector having  
a first-color region, and  
a second-color region;  
a first-color imaging system comprising:

05/30/2002 BNGUYEN1 00000052 500616 09636100

01 FC:102

84.00 CH



2878

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/636,100
Filing Date	08/10/2000
First Named Inventor	O'NEILL, Mary Dominique
Group Art Unit	2878
Examiner Name	SPEARS, E.
Attorney Docket Number	99W075

Total Number of Pages in This Submission

14

## ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form [in duplicate]  
☐ Fee Attached
- ☒ Amendment / Reply  
☐ After Final  
☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application  
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

Return ack. postcard

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MAY 31 2002  
ITC 2800 MAIL ROOM

Remarks

Title: Multicolor Staring Sensor System

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William C. Schubert, Reg. No. 30,102
Signature	<i>William C. Schubert</i>
Date	5-21-02

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 5-21-2002  
Arlington VA 22202

Typed or printed name William C. Schubert

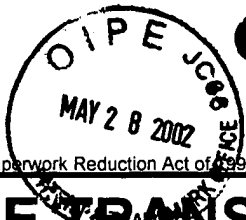
Signature

*W. Schubert*

Date

5-21-2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)  
84.00

## Complete if Known

Application Number	09/636,100
Filing Date	08/10/2000
First Named Inventor	O'NEILL, Mary Dominique
Examiner Name	SPEARS, E.
Group Art Unit	2878
Attorney Docket No.	99W075

## METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-0616

Deposit  
Account  
Name

Raytheon Company

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☒ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

Fee Paid

SUBTOTAL (1) (\$)  
0.00

## 2. EXTRA CLAIM FEES

Total Claims	16	Extra Claims	20** = 0	X	Fee from below	18.00	=	Fee Paid	0.00
Independent Claims	4		- 3** = 3	X		84.00	=		84.00
Multiple Dependent						280.00	=		0.00

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 \*\* Reissue independent claims  
over original patent110 18 210 9 \*\* Reissue claims in excess of 20  
and over original patentSUBTOTAL (2) (\$)  
84.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 400 216 200		Extension for reply within second month	
117 920 217 460		Extension for reply within third month	
118 1,440 218 720		Extension for reply within fourth month	
128 1,960 228 980		Extension for reply within fifth month	
119 320 219 160		Notice of Appeal	
120 320 220 160		Filing a brief in support of an appeal	
121 280 221 140		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,280 241 640		Petition to revive - unintentional	
142 1,280 242 640		Utility issue fee (or reissue)	
143 460 243 230		Design issue fee	
144 620 244 310		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Processing fee under 37 CFR 1.17(q)	
126 180 126 180		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
0.00

## SUBMITTED BY

Name (Print/Type)	William C. Schubert
Signature	

Registration No. (Attorney/Agent)	30,102
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## Complete (if applicable)

Telephone	(805) 562-2108
Date	5-21-2002

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